

Converting Colors

`RYB(169, 86, 155)`

Have a look what the booklet for
RYB(169, 86, 155) contains.

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Color

R_YB(169, 86, 155)

Conversions

Conversions Part 1

Format	Color
Hex	A9569B
RGB	169, 86, 155
RGB Percent	66%, 34%, 61%
CMY	0.3373, 0.6627, 0.3922
CMYK	0.00, 0.49, 0.08, 0.34
HSL	310°, 33%, 50%
HSV	310°, 49%, 66%
XYZ	25.6064, 17.4572, 33.0303
YIQ	118.6830, 27.3190, 39.0550

Conversions

Conversions Part 2

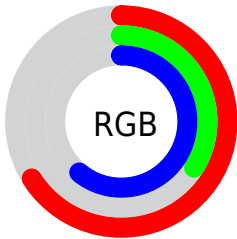
Format	Color
R_{YB}	169, 86, 155
Decimal	11097755
CIE _{Lab}	48.83, 43.48, -22.61
CIE _{LCh}	49, 49.010, 332.531
Yxy	17.4572, 0.3365, 0.2294
Android (android.graphics.Color)	4289287835 (0xFFA9569B)
YUV	118.6830, 17.9043, 44.1280
Hunter-Lab	41.7818, 36.2774, -17.6241

Details

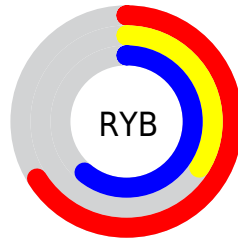
The RYB color **169, 86, 155** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **86, 157, 169**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **226, 139, 210**, and **115, 34, 104** is the 20% darker color. If you saturate the color by 10%, you get **169, 69, 152**, and if you desaturate by 10%, it is **169, 103, 158**.

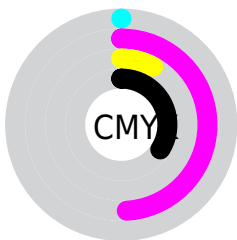
Distribution



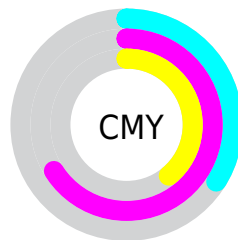
- Red (66%)
- Green (34%)
- Blue (61%)



- Red (66%)
- Yellow (34%)
- Blue (61%)



- Cyan (0%)
- Magenta (49%)
- Yellow (8%)
- Black (34%)



- Cyan (34%)
- Magenta (66%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 86, 155 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 169, 86, 155 by changing the saturation by 10% instead.

 169, 86, 155

255, 255, 255

 226, 139, 210

 255, 166, 238

 255, 194, 255

 255, 222, 255

 255, 251, 255

 169, 86, 155

 142, 60, 129

 115, 34, 104

 89, 2, 79

 63, 0, 56

 42, 0, 35


 0, 0, 8

 0, 0, 0

 169, 86, 155

 169, 69, 152

 169, 86, 155

 169, 103, 158

169, 52, 149

169, 120, 161

169, 35, 146

169, 137, 164

169, 18, 144

169, 154, 166

169, 2, 141

169, 170, 170

169, 0, 140

169, 184, 187

169, 199, 204

169, 213, 221

169, 228, 238

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121, 104, 186



169, 86, 155



190, 77, 114

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



169, 86, 155



47, 134, 24



0, 73, 160

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



169, 86, 155



86, 157, 169

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 73, 136



169, 86, 155



40, 126, 74

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



169, 86, 155



168, 151, 41



21, 96, 133



0, 77, 189

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169, 86, 155



191, 80, 87



21, 96, 133



0, 71, 147

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



169, 86, 155



219, 186, 214



100, 86, 169



110, 90, 106



237, 237, 237



110, 110, 110

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



169, 86, 155



219, 90, 197



169, 86, 114



84, 76, 83



148, 0, 123



20, 0, 17

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



169, 86, 155



219, 90, 197



86, 136, 169



84, 76, 83



148, 0, 123



20, 0, 17

Previews

White Background



This preview shows how the RYB color 169, 86, 155 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 169, 86, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

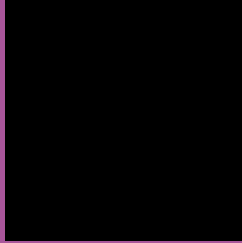
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 169, 86, 155 Background



This preview shows how black text looks on a background with the RYB color 169, 86, 155.

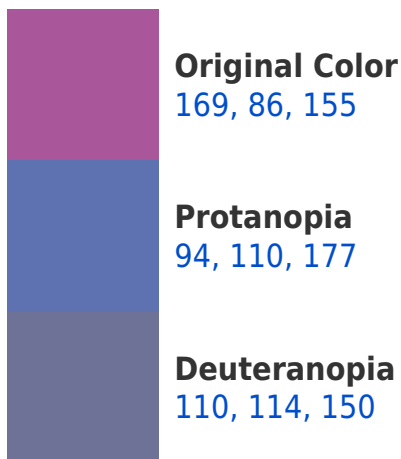


This preview shows how white text looks on a background with the RYB color 169, 86, 155.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

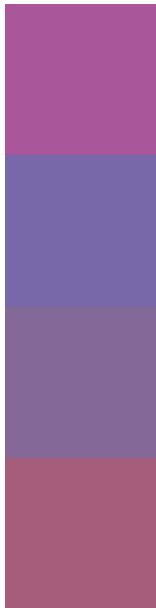
Dichromacy





Tritanopia
163, 97, 105

Trichromacy



Original Color
169, 86, 155

Protanomaly
121, 104, 169

Deuteranomaly
131, 104, 152

Tritanomaly
165, 93, 123

Monochromacy



Original Color
169, 86, 155

Achromatopsia
119, 119, 119

Achromatomaly
137, 107, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 86, 155 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(169, 86, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 86, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(169, 86, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 86, 155) }
```

Border

The CSS property to change the border of an element to RYB 169, 86, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 86, 155) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(169, 86, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(169, 86, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 86, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 86, 155);  
box-shadow:4px 4px 4px 4px rgb(169, 86,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 169, 86, 155 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 86, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(169, 86,  
155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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